What is claimed is:

1. A remote control system comprising:

() a remote controller including,

an input unit consisting of a plurality of function keys;

a liquid crystal display which displays functions associated with the function keys;

a control information creating unit which performs a display of the liquid crystal display, based on a program described in a specific language and outputs control information about a corresponding function in accordance with a signal inputted from the corresponding function key; and

a transmitting unit which incorporates the control information into a data frame and transmits the same via a radio channel; and

⊘ a controlled device including,

a receiving unit which receives therein the data frame transmitted from the remote controller; and

a plurality of function execution units each of which decodes the control information in the data frame and executes a function designated by the remote controller.

2. A remote control system comprising:

a remote controller including,

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an input unit consisting of a plurality of
function keys;

a liquid crystal display having a function
display region which displays functions associated with
the function keys;

a control information creating unit which
performs a display of the liquid crystal display, based
on a program described in a specific language and outputs
control information about a corresponding function in
accordance with a signal inputted from the corresponding
function key;

a remote controller-side transmitting unit
which incorporates the control information into a data
frame and transmits the same via a radio channel;

a remote controller-side receiving unit
which receives therein a data frame transmitted from a
controlled device via the radio channel; and

a display control unit which decodes result
information lying in the data frame received by the
remote controller-side receiving unit and displays the
same on the liquid crystal display; and

a controlled device including,

a device-side receiving unit which receives
therein a data frame transmitted from the remote
controller;

a plurality of function execution units each
of which decodes the control information in the data

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frame received by the device-side receiving unit and executes a function designated by the remote controller;

a result information creating unit which creates result information of the function executed based on the control information; and

a device-side transmitting unit which incorporates the result information into a data frame and transmits the same to the remote controller via a radio channel.

3. A remote control system according to claim 1, wherein the specific language is HTML or JAVA (registered trademark of US Sun Microsystems, Inc.), or a combination thereof.

4. A remote control system according to claim 2, wherein the specific language is HTML or JAVA (registered trademark of US Sun Microsystems, Inc.), or a combination thereof.

5. A remote control system according to claim 2, wherein the control information creating unit of the remote controller outputs a display information request command for requiring the controlled device to send display information displayed on the liquid crystal display in correspondence to the plurality of function keys in addition to the control information, and

the controlled device has a nonvolatile memory which stores therein the display information transmitted corresponding to the display information request command supplied from the remote controller.

6. A remote control system according to claim 2, wherein the control information consists of a control information identifier for identifying the control information and a single or plural instruction codes for executing each individual function of the controlled device, and the instruction codes respectively have the contents related to the operations of the function keys.

7. A remote control system according to claim 2, wherein the result information comprises a result information identifier for identifying the result information and result data indicative of the result of execution of each function of the controlled device, and the result data has the contents related to the present value of an object to be controlled.